

UKS2 Year 3				
Strand	NC Objective	Term 1 Year 3	Term 2 Year 3	Term 3 Year 3
Number and Place Value	Count in multiples	(1) Count from 0 in multiples of 4,8,50, 100 (1) Compare and order numbers to 1000	(2) Count from 0 in multiples of 4,8,50, 100 (2) Compare and order numbers to 1000	(1,7) Count from 0 in multiples of 4,8,50, 100 (1,7) Compare and order numbers to 1000
	Read, write, order and compare numbers	(1) Read and write numbers to 1000 in numbers and words (1) Find 10 and 100 more or less than a given number	(2) Read and write numbers to 1000 in numbers and words (2) Find 10 and 100 more or less than a given number	(1,7) Read and write numbers to 1000 in numbers and words (1,7) Find 10 and 100 more or less than a given number
	Place value: Roman numerals	(1) Recognise the place value of each digit in a three digit number	(1,2) Recognise the place value of each digit in a three digit number	(1,7) Recognise the place value of each digit in a three digit number
Addition and subtraction	Identify, represent, round and estimate	(2) Represent numbers in different ways (2) Round to the nearest 10 and 100	(5) Represent numbers in different ways (1, 8) Round to the nearest 10 and 100	(1,7) Represent numbers in different ways (1,7) Round to the nearest 10 and 100
	Negative numbers	(2) Solve number problems involving 3 digits, negative numbers and place value	(1, 8) Solve number problems involving 3 digits, negative numbers and place value	(1,7) Solve number problems involving 3 digits, negative numbers and place value
	Add and subtract using written methods	(3, 4) Add and subtract up to 3-digits using formal written methods including column (4) Estimate an answer and give reasoning, use inverse to check the answers (4) Solve addition and subtraction missing numbers with increasing difficulty including missing numbers	(1, 8) Add and subtract up to 3-digits using formal written methods including column (1, 8) Estimate an answer and give reasoning, use inverse to check the answers (1, 8) Solve addition and subtraction missing numbers with increasing difficulty	(2, 8) Add and subtract up to 3-digits using formal written methods including column (2, 8) Estimate an answer and give reasoning, use inverse to check the answers (2, 8) Solve addition and subtraction missing numbers with increasing difficulty
Multiplication and division	Mental multiplication and division	(5,6) Write and calculate multiplication and division using known tables including 2 x 1-digit (5,6) Solve missing number multiplication and division problems (inc. integer scaling and correspondence)	(2, 9) Write and calculate multiplication and division using known tables including 2 x 1-digit (2, 9) Solve missing number multiplication and division problems (inc. integer scaling and correspondence)	(3, 9) Write and calculate multiplication and division using known tables including 2 x 1-digit (3, 9) Solve missing number multiplication and division problems (inc. integer scaling and correspondence)
	Written multiplication and division	(12) Count up and down in tenths (say that tenths arise from dividing into 10 equal parts) (12) Recognise, find and write fractions of a set of objects and numbers	(5) Count up and down in tenths (say that tenths arise from dividing into 10 equal parts) (5) Recognise, find and write fractions of a set of objects and numbers	(4) Count up and down in tenths (say that tenths arise from dividing into 10 equal parts) (4) Recognise, find and write fractions of a set of objects and numbers
	Recognise, find, write and name a fraction	(12) Recognise and show (using diagrams) equivalent fractions with small denominators (12) Compare and order unit fractions and fractions with the same denominator (13) Add and subtract fractions with the same denominator within one whole (13) Solve problems involving fractions of the same denominator	(10) Recognise and show (using diagrams) equivalent fractions with small denominators (10) Compare and order unit fractions and fractions with the same denominator (10) Add and subtract fractions with the same denominator within one whole (5, 10) Solve problems involving fractions of the same denominator	(4) Recognise and show (using diagrams) equivalent fractions with small denominators (4) Compare and order unit fractions and fractions with the same denominator (4) Add and subtract fractions with the same denominator within one whole (4) Solve problems involving fractions of the same denominator
Fractions	Equivalent Fractions	(12) Compare and order unit fractions and fractions with the same denominator (13) Add and subtract fractions with the same denominator within one whole (13) Solve problems involving fractions of the same denominator	(10) Compare and order unit fractions and fractions with the same denominator (10) Add and subtract fractions with the same denominator within one whole (5, 10) Solve problems involving fractions of the same denominator	(4) Compare and order unit fractions and fractions with the same denominator (4) Add and subtract fractions with the same denominator within one whole (4) Solve problems involving fractions of the same denominator
	Comparing and ordering	(13) Add and subtract fractions with the same denominator within one whole (13) Solve problems involving fractions of the same denominator	(10) Add and subtract fractions with the same denominator within one whole (5, 10) Solve problems involving fractions of the same denominator	(4) Add and subtract fractions with the same denominator within one whole (4) Solve problems involving fractions of the same denominator
	Add and subtracting fractions	(13) Add and subtract fractions with the same denominator within one whole (13) Solve problems involving fractions of the same denominator	(10) Add and subtract fractions with the same denominator within one whole (5, 10) Solve problems involving fractions of the same denominator	(4) Add and subtract fractions with the same denominator within one whole (4) Solve problems involving fractions of the same denominator
Measurement	Solve fraction/decimal problems	(8) Compare lengths (m,cm,mm) (8) Compare mass (g,kg) (8) Compare volume (l,ml) (8) Measure lengths (m,cm,mm) (8) Measure mass (g,kg) (8) Measure volume (L,ml) (8) Record time in seconds	(12) Compare lengths (m,cm,mm) (12) Compare mass (g,kg) (12) Compare volume (l,ml) (12) Measure lengths (m,cm,mm) (12) Measure mass (g,kg) (12) Measure volume (L,ml) (12) Record time in seconds	(2, 5) Compare lengths (m,cm,mm) (2) Compare mass (g,kg) (2) Compare volume (l,ml) (2, 5) Measure lengths (m,cm,mm) (2) Measure mass (g,kg) (2) Measure volume (L,ml) (2) Record time in seconds
	Compare describe and order	(10) Add and subtract money in pounds and pence (14) Read and write time on an analogue clock (12 hours) (14) Read and write time on an analogue clock (24 hours) (14) Apply knowledge of roman numerals within a clock (14) Solve time word problems (14) Know the number of seconds in a minute, days in each month, months in year and leap year (14) Compare duration of events within word problems	(12) Add and subtract money in pounds and pence (7) Read and write time on an analogue clock (12 hours) (7) Read and write time on an analogue clock (24 hours) (7) Apply knowledge of roman numerals within a clock (7) Solve time word problems (7) Know the number of seconds in a minute, days in each month, months in year and leap year (7) Compare duration of events within word problems	(2) Add and subtract money in pounds and pence (10) Read and write time on an analogue clock (12 hours) (10) Read and write time on an analogue clock (24 hours) (10) Apply knowledge of roman numerals within a clock (10) Solve time word problems (10) Know the number of seconds in a minute, days in each month, months in year and leap year (10) Compare duration of events within word problems
	Money	(10) Add and subtract money to give change including practically (10) Add and subtract lengths (m,cm,mm) (10) Add and subtract mass (kg,g) (10) Add and subtract volume/capacity (l,ml)	(8) Add and subtract money to give change including practically (4) Add and subtract lengths (m,cm,mm) (8) Add and subtract mass (kg,g) (8) Add and subtract volume/capacity (l,ml)	(2, 8) Add and subtract money to give change including practically (2, 8) Add and subtract lengths (m,cm,mm) (2, 8) Add and subtract mass (kg,g) (2, 8) Add and subtract volume/capacity (l,ml)
Geometry	Estimate, measure and read scales	(10) Add and subtract money to give change including practically (10) Add and subtract lengths (m,cm,mm) (10) Add and subtract mass (kg,g) (10) Add and subtract volume/capacity (l,ml)	(8) Add and subtract money to give change including practically (4) Add and subtract lengths (m,cm,mm) (8) Add and subtract mass (kg,g) (8) Add and subtract volume/capacity (l,ml)	(2, 8) Add and subtract money to give change including practically (2, 8) Add and subtract lengths (m,cm,mm) (2, 8) Add and subtract mass (kg,g) (2, 8) Add and subtract volume/capacity (l,ml)
	Shape: perimeter and area	(9) Measure the perimeter of a simple 2d shape	(4) Measure the perimeter of a simple 2d shape	(5) Measure the perimeter of a simple 2d shape
	Solve measure word problems	(10) Add and subtract money to give change including practically (10) Add and subtract lengths (m,cm,mm) (10) Add and subtract mass (kg,g) (10) Add and subtract volume/capacity (l,ml)	(8) Add and subtract money to give change including practically (4) Add and subtract lengths (m,cm,mm) (8) Add and subtract mass (kg,g) (8) Add and subtract volume/capacity (l,ml)	(2, 8) Add and subtract money to give change including practically (2, 8) Add and subtract lengths (m,cm,mm) (2, 8) Add and subtract mass (kg,g) (2, 8) Add and subtract volume/capacity (l,ml)
Mental maths and times tables	Shape: Recognise and name	(9) Recognise and name all 2D and 3D shapes, recalling features of shapes. (9) Identify horizontal, vertical and pairs of perpendicular and parallel lines	(3) Identify horizontal, vertical and pairs of perpendicular and parallel lines	(12) Recognise and name all 2D and 3D shapes, recalling features of shapes. (12) Identify horizontal, vertical and pairs of perpendicular and parallel lines
	Describe properties and classify shapes	(9) Draw 2D shapes (9) Make 3d shapes using modelling materials and describe them (9) Recognise that angles can be a property of a shape and a turn	(4) Draw 2D shapes (4) Make 3d shapes using modelling materials and describe them (4) Recognise that angles can be a property of a shape and a turn	(12) Draw 2D shapes (12) Make 3d shapes using modelling materials and describe them (12) Recognise that angles can be a property of a shape and a turn
	Draw and plot shapes	(9) Identify right angles, recognise that 2 right angles make a half turn, three make 3 quarters, 4 make a complete turn (9) Identify whether an angle is greater than or less than a right angle (11) Recognise and repeat patterns of objects, pictures and numbers	(4) Identify right angles, recognise that 2 right angles make a half turn, three make 3 quarters, 4 make a complete turn (4) Identify whether an angle is greater than or less than a right angle (3) Recognise and repeat patterns of objects, pictures and numbers	(12) Identify right angles, recognise that 2 right angles make a half turn, three make 3 quarters, 4 make a complete turn (12) Identify whether an angle is greater than or less than a right angle (12) Recognise and repeat patterns of objects, pictures and numbers
Mental maths and times tables	Angles - Measure and properties	(9) Identify whether an angle is greater than or less than a right angle (11) Recognise and repeat patterns of objects, pictures and numbers	(4) Identify whether an angle is greater than or less than a right angle (3) Recognise and repeat patterns of objects, pictures and numbers	(12) Identify whether an angle is greater than or less than a right angle (12) Recognise and repeat patterns of objects, pictures and numbers
	Position and direction	(11) Interpret and present data using bar charts, pictograms and tables (11) Solve one-step and two-step problems involving data including 'how many more/fewer?' (2) Add and subtract 3-digit and 1-digit (2) Add and subtract 3-digit with tens (2) Add and subtract 3 digit with hundreds	(3) Interpret and present data using bar charts, pictograms and tables (3) Solve one-step and two-step problems involving data including 'how many more/fewer?' (1) Add and subtract 3-digit and 1-digit (1) Add and subtract 3-digit with tens (1) Add and subtract 3 digit with hundreds	(11) Interpret and present data using bar charts, pictograms and tables (11) Solve one-step and two-step problems involving data including 'how many more/fewer?' (2) Add and subtract 3-digit and 1-digit (2) Add and subtract 3-digit with tens (2) Add and subtract 3 digit with hundreds
	Data: interpret, represent and solve	(3) Recall multiplication and division facts for the 2, 5 and 10 times table (4) Recall multiplication facts for the 4 times table, relate to division facts (5) Recall multiplication facts for the 3 times table, relate to division facts (6) Recall multiplication facts for the 6 times table, relate to division facts (7) Recall multiplication facts for the 9 times table, relate to division facts (8) Recall multiplication facts for the 8 times table, relate to division facts (9) Recall multiplication facts for the 7 times table, relate to division facts	(3) Recall multiplication and division facts for the 2, 5 and 10 times table (3) Recall multiplication facts for the 4 times table, relate to division facts (4) Recall multiplication facts for the 3 times table, relate to division facts (5) Recall multiplication facts for the 6 times table, relate to division facts (6) Recall multiplication facts for the 9 times table, relate to division facts (7) Recall multiplication facts for the 8 times table, relate to division facts (8) Recall multiplication facts for the 7 times table, relate to division facts	(3) Recall multiplication and division facts for the 2, 5 and 10 times table (3) Recall multiplication facts for the 4 times table, relate to division facts (4) Recall multiplication facts for the 3 times table, relate to division facts (5) Recall multiplication facts for the 6 times table, relate to division facts (5) Recall multiplication facts for the 9 times table, relate to division facts (6) Recall multiplication facts for the 8 times table, relate to division facts (7) Recall multiplication facts for the 7 times table, relate to division facts
Ensure understanding and fluency of taught concepts	(10, 11, 12, 13, 14) Recall all known multiplication facts Week 7 (White rose), Week 12 (NFER)	(9,10,11,12) Recall all known multiplication facts Week 6 (White rose), Week 11 (NFER)	(10,11,12) Recall all known multiplication facts Week 6 (White rose), Week 15 (NFER)	